



US009636259B2

(12) **United States Patent**
Henry et al.

(10) **Patent No.:** **US 9,636,259 B2**
(45) **Date of Patent:** **May 2, 2017**

(54) **WATER RESISTANT ACOUSTIC PORT IN
EAR-MOUTHED HEARING DEVICE**

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(71) Applicant: **3M INNOVATIVE PROPERTIES
COMPANY**, St. Paul, MN (US)

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(72) Inventors: **Paul D. Henry**, Carmel, IN (US);
David M. Lutgring, Indianapolis, IN
(US); **David A. Hotvet**, Savage, MN
(US)

(73) Assignee: **3M INNOVATIVE PROPERTIES
COMPANY**, St. Paul, MN (US)

(*) Notice: Subject to any disclaimer, the term of this
patent is extended or adjusted under 35
U.S.C. 154(b) by 0 days.

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(21) Appl. No.: **14/798,516**

(22) Filed: **Jul. 14, 2015**

(65) **Prior Publication Data**

US 2016/0030246 A1 Feb. 4, 2016

Related U.S. Application Data

(60) Provisional application No. 62/031,449, filed on Jul.
31, 2014.

(51) **Int. Cl.**

A61F 11/06 (2006.01)

A61F 11/08 (2006.01)

H04R 1/10 (2006.01)

H04R 25/00 (2006.01)

(52) **U.S. Cl.**

CPC **A61F 11/08** (2013.01); **H04R 1/1016**
(2013.01); **H04R 1/1091** (2013.01); **H04R**
25/654 (2013.01)

(58) **Field of Classification Search**

CPC **A61F 11/08**; **H04R 25/654**; **H04R 1/1016**;
H04R 1/1091

See application file for complete search history.

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Primary Examiner — Muhammad N Edun

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ABSTRACT

Water resistant acoustic ports and electronic hearing protec-
tion devices incorporating such ports are described. More
specifically, water proof acoustic ports that provide water
protection for an internal sealed chamber by providing
acoustically transparent inlets that are capable of withstand-
ing external water pressure at given depth due to their
volume relation to that of the internal chamber, as well as
hearing protection devices incorporating such ports, are
described.

18 Claims, 2 Drawing Sheets

